



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 24, 2004

PTAS



\*102620760A\*

BAKER BOTTS L.L.P.  
CARMELLA L. STEPHENS  
30 ROCKEFELLER PLAZA - 44 FL.  
NEW YORK, NY 10112

### UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/08/2003

REEL/FRAME: 014769/0359  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:  
ROBBINS, PAUL

DOC DATE: 11/06/2003

ASSIGNEE:  
FRIZZELL, RAYMOND

DOC DATE: 11/06/2003

ASSIGNEE:  
SUN, FEI

DOC DATE: 11/06/2003

ASSIGNEE:  
MI, ZHIBAO

DOC DATE: 11/06/2003

ASSIGNEE:  
PITTSBURGH, UNIVERSITY OF  
W1148 BIOMEDICAL SCIENCE TOWER  
PITTSBURGH, PENNSYLVANIA 15261

BAKER BOTTS L.L.P.  
04 JUN 29 PM12 10  
*[Handwritten signature]*

014769/0359 PAGE 2

SERIAL NUMBER: 10650435

FILING DATE: 08/28/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: POLYPEPTIDES FOR INCREASING MUTANT CFTR CHANNEL ACTIVITY

SHAREILL COLES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

12-12-2003



RECORI

102620760

FILE NO. AP35301 072396.0261

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

**Paul Robbins, Raymond Frizzell, Fei Sun and Zhibao Mi**

Additional name(s) of conveying party(ies) attached?

[ ] Yes

 No

12-12-03

## 3. Nature of conveyance:

 Assignment Security Agreement Merger Change of Name Other:

Execution Date: November 6, 2003

## 4. Application number(s) or patent number(s)

If this document is being filed together with a new application, the execution date of the application is

## A. Patent Application No.(s)

10/650,435

## B. Patent No.(s)

OFFICE OF PUBLICATIONS  
REC'D DEC -3 AM '03  
FINANCE SECTION

Additional numbers attached?

[ ] Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name:

BAKER BOTTS L.L.P.  
30 Rockefeller Plaza - 44 Fl.  
New York, NY 10112

6. Total number of applications and patents involved: One

7. Total fee (37 CFR 3.41): \$ 40

 Enclosed Authorized to be charged to deposit account8. Deposit account number:  
02-4377 (Charge any additional fees to this account)  
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature

*To the best of my knowledge and belief, the foregoing instrumentation is true and correct and any attached copy is a true copy of the original document.*

Carmella L. Stephens, PTO Reg. No. 41,328

Name of Person Signing

*Carmella L. Stephens*

Page 1 of 3

Signature

12/04/2003

Date

Total number of pages including cover sheet, attachments and document: 7

12/11/2003 LMUELLER 00000161 10650435

01 FC:0021

40.00 DP

RECORDATION FORM COVER SHEET  
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

10. Additional Names of assigning party(ies):

10a. Additional Names of receiving party(ies):

11. Application number(s) or registration number(s):

A. Patent Application No.(s)

B. Patent Registration No.(s)

Page 1 of 3

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents  
PO Box 1450  
Alexandria, VA 22313-1450

MS Assignments

A S S I G N M E N T

WHEREAS, WE, PAUL ROBBINS, RAYMOND FRIZZELL and FEI SUN, citizens of the United States of America, and ZHIBAO MI, a citizen of China (hereinafter the "INVENTORS"), whose post office addresses are 191 Main Entrance Drive, Mt. Lebanon, Pennsylvania 15228, 1205 Heberson Street, Pittsburgh, Pennsylvania 15206, 186 Warren Road, Warrendale, Pennsylvania 15086 and 221 Buchanan Place, Pittsburgh, Pennsylvania 15228, respectively, have made an invention entitled "POLYPEPTIDES FOR INCREASING MUTANT CFTR CHANNEL ACTIVITY", as set forth and described in U.S. Patent Application No. 10/650,435 filed August 28, 2003; and

WHEREAS, UNIVERSITY OF PITTSBURGH, a corporation organized and existing under the laws of The United States of America, and having an office for the transaction of business at W1148 Biomedical Science Tower, Pittsburgh, PA 15261, is desirous of acquiring the entire right, title and interest in and to said invention and any improvements thereon, and in and to the said U.S. application for Letters Patent therefor, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the said INVENTORS, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said UNIVERSITY OF PITTSBURGH, and other valuable considerations unto us moving from said UNIVERSITY OF PITTSBURGH, at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said UNIVERSITY OF PITTSBURGH, its successors and assigns, the entire right, title and interest in and to the said invention entitled "POLYPEPTIDES FOR INCREASING MUTANT CFTR CHANNEL ACTIVITY", as set forth and described in application for Letters Patent, Serial No. 10/560,435, filed August 28, 2003, and any and all improvements thereon, and in and to said application for Letters Patent therefor, and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements including all priority rights, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said INVENTORS, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said UNIVERSITY OF PITTSBURGH, as the Assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said UNIVERSITY OF PITTSBURGH, its successors and assigns;

*University of Pittsburgh  
Aug 28 2003  
014769 0359*

AND WE, the said INVENTORS, for the considerations aforesaid, do hereby covenant and agree to and with said UNIVERSITY OF PITTSBURGH, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said UNIVERSITY OF PITTSBURGH, its successors and assigns, may be required or necessary more effectively to secure to and vest in said UNIVERSITY OF PITTSBURGH, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, titles, benefits, privileges, and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, WE, the said INVENTORS, have hereunto set our hands and seals on the date below written.

  
PAUL ROBBINS

BE IT KNOWN, that on this 6<sup>th</sup> day of November, 2003, before me personally came PAUL ROBBINS, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

*Renee Giles*  
Notary Public

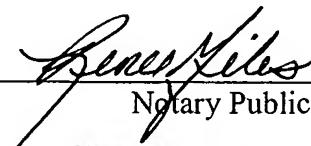
Notary Seal  
Renee Giles, Notary Public  
City Of Pittsburgh, Allegheny County  
My Commission Expires Dec. 24, 2005

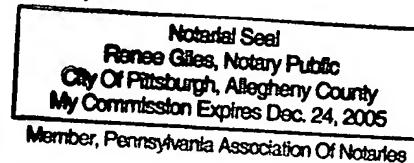
Member, Pennsylvania Association Of Notaries

  
RAYMOND FRIZZELL

STATE OF )  
: ss.:  
COUNTY OF )

BE IT KNOWN, that on this 6 day of November, 2003, before me personally came RAYMOND FRIZZELL, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as her free act and deed for the use and purposes therein mentioned.

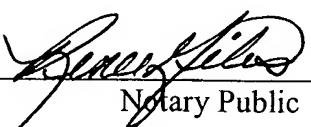
  
Renee Giles  
Notary Public

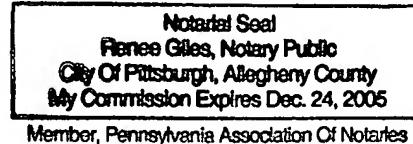


  
SUN FEI

STATE OF )  
: ss.:  
COUNTY OF )

BE IT KNOWN, that on this 6 day of November, 2003, before me personally came SUN FEI, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

  
Renee Giles  
Notary Public





MI ZHIBAO

STATE OF )  
: ss.:  
COUNTY OF )

BE IT KNOWN, that on this 6<sup>th</sup> day of November, 2003, before me personally came MI ZHIBAO, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.



Renee Giles  
Notary Public

